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## Converting Mixed Numbers To Decimals Worksheets

Convert the following mixed numbers to their decimal equivalent in questions 1-6

1)  $6\frac{9}{10}$

2)  $2\frac{6}{7}$

3)  $9\frac{11}{5}$

4)  $13\frac{3}{4}$

5)  $4\frac{8}{5}$

6)  $7\frac{9}{4}$

For questions 7-10, write your answer in decimal format rounded to 2 decimal places.

7) Jack and John went fishing Jack caught  $3\frac{3}{4}$  kg of fish and while John caught  $2\frac{1}{5}$  kg of fish. What is the total weight of the fish they caught?



- a) 5.45
- b) 5.65
- c) 5.95
- d) 6.05

- 8) Amy has  $3 \frac{1}{2}$  bottles in her refrigerator. She used  $\frac{3}{5}$  bottle in the morning  $1 \frac{1}{4}$  bottle in the afternoon. How many bottles of milk does Amy have left over?
- 9) Of 100 children in Grades 5 and 6, three-quarters have pets; 40 children have a dog, and 18 children have a cat. How many children have other kinds of pets?
- 10) Steven says "I would rather have  $\frac{5}{9}$  of \$72 than  $\frac{4}{6}$  because I will get more to spend." Is he correct?

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"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

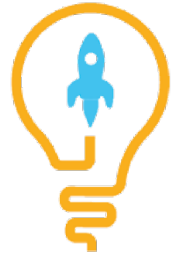
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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

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**ANSWERS**

1)	5.6
2)	4.57
3)	5.8
4)	6.27
5)	8.75
6)	11.5
7)	c) 5.95
8)	1.65
9)	17
10)	He is wrong because $\frac{4}{6}$ would give him \$48 instead of \$40.

## FUN FACT

1. A mixed numeral is a traditional denotation of the sum of a non-zero integer and a proper fraction.
2. A mixed number is formed by combining three parts: a whole number, a numerator, and a denominator.
3. The word Fraction comes from the Latin word fractio which means 'to break'.

